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On MOKUROKU File Based on "A Check List of Japanese Insects" on INTERNET[1), 2)]

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Abstract. A database file MOKUROKU based on "A Check List of Japanese Insects" is open to INTERNET as well as in the Computer Center of Kyushu University. Each record is composed of 5 items, i.e., scientific names of family, genus, species, Japanese name and distribution. A home page of the file, MOKUROKU using the database management system SIGMA is presented. A user can access the file by retrieving the following URL: http://konchudb.agr.agr. kyushu-u.ac.jp/mokuroku/index-e.html/.

Key words: entomology database, network, public use, MOKUROKU, INTERNET, SIGMA.

A database file MOKUROKU is based on "A Check List of Japanese Insects" (supervisor: Y. Hirashima, 1989 & 1990) and treats all the insect species or subspecies recorded from Japan. Each record is composed of 5 items, i.e., scientific names of family, genus, species (or subspecies), Japanese name and distribution. The MOKUROKU was constructed in the Computer Center of Kyushu University (1st edition, Tadauchi *et al.*, 1990). It is managed by a text database management system SIGMA (Arikawa *et al.*, 1987, 1988) working at the Computer Center of Kyushu University. The system SIGMA was recently modified for use on a work station. Therefore the MOKUROKU was revised for ease of retrieval and use for foreigners on a work station in the Entomological Laboratory, Kyushu University (Tadauchi and Inoue, 1999) and has been open to the public on INTERNET as well as from the Computer Center of Kyushu University since 1999. A user can get information in part

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on new species and new recorded species from Japan by using another database KONCHU.

A user can access the KONCHU by retrieving the following URL: http://konchudb.agr. agr.kyushu-u.ac.jp/mokuroku/index-e.html/.

The home page of the MOKUROKU using the SIGMA is presented in Figs. 1-2. The usage of the SIGMA system is explained in Arikawa *et al.* (1987, 1988).

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Check List of Japanese Insects MOKUROKU - Netscape

ファイル(F) 編集(E) 表示(V) ジャンプ(G) Communicator(C) ヘルプ(H)

Welcome to Databse MOKUROKU Based on "A Check List of Japanese Insects" !

Japanese page is here

A database MOKUROKU is based on "A Check List of Japanese Insects" (supervisor: Y. Hirashima, 1989 & 1990) and treats all the insect species or subspecies recorded from Japan. Each record is composed of 5 items, scientific names of family, genus, species (or subspecies), Japanese name and distributional data. The MOKUROKU was constructed(1st edition, Tadauchi et. al., 1990) in the Computer Center of Kyushu University and the 2nd edition (Tadauchi & Inoue, 1999) has been opened to the public. A user can collect information in part on new species and new recorded species from Japan by using a database KONCHU. The MOKUROKU is managed by a text database management system SIGMA.

MOKUROKU(2nd edition) is partly supported by a Grant-in-Aid for Scientific Research(B) from the Ministry of Education, Science, Sports and Culture, Japan.

- Search MOKUROKU database (for registant)
- How to Use
- Items of Data
- Example of a Record
- Publications, Manuals and Explanations
- Copyright Notice
- Registration System
- Inquiries and Comments
- Link
- List of Localities

Items of Data

Data and Tugs are the Following 5 items.

1. (FTAX) family (scientific name, including Japanese name)
2. (GTAX) genus (scientific name)
3. (STAX) species (scientific name)
4. (JTAX) Japanese name
5. (DST) Distribution (Japan inland; overseas)

ドキュメント完了。

Fig. 1. A home page of a database MOKUROKU based on "A Check List of Japanese Insects" in English version. A Japanese version is also available. URL: http://konchudb.agr.agr.kyushu-u.ac.jp/ mokuroku/index-e.html/.

Example of a Record

(FTAX) 315180550000. Pieridae シロチョウ科(A)

(GTAX) Pieris @g(Artogeia)

(STAX) rapae @s crucivora Boisduval,1836

(JTAX) モンシロチョウ

(DST) HOKKAIDO, Rebun Is., Rishiri Is., HONSHU, Sado Is., Izu Isls., Ogasawara Isls., Awajishima Is., Oki Is., SHIKOKU, Shodoshima Is., KYUSHU, Tsushima Is., Iki Is., Goto Is., Tanegashima Is., Yakushima Is., Tokara Isls., AmamiOshima Is., Tokunoshima Is., OkinawaHonto Is., Miyako Is., Ishigaki Is., Iriomote Is., Yonaguni Is.; Taiwan, Far East Continent

Publications, Manuals and Explanations

- Hirashima, Y. (superviser), Entomological Laboratory, Faculty of Agriculture, Kyushu University and Japan Wild Life Research Center (eds.), 1989, A Check List of Japanese Insects. 1,767 pp, Fukuoka. (In Japanese)
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Copyright Notice

Entomological Laboratotry, Faculty of Agriculture, Kyushu University holds the copyright on the MOKUROKU file (Head constructor: O. Tadauchi).

Registration System

The use of data in this database is free of charge if the objective is academic study or educational purposes. However, the user should be registered with the following address and then he or she will be received an user ID and a password, or please fill out this form. The user ID and password can be used in common with KONCHU database.

Inquiries and Comments

Inquiries and Comments about MOKUROKU Should be the Following E-mail Address.

Database MOKUROKU (Osamu Tadauchi)
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Faculty of Agriculture,
Kyushu University
Fukuoka, 812-8581
Japan
Phone: +81-92-642-2838 FAX: +81-92-642-2839
E-mail: tadauchi@agr.kyushu-u.ac.jp

Fig. 2. A home page of a database MOKUROKU (continued).